

**To:** McCoy, Melinda[McCoy.Melinda@epa.gov]  
**From:** Ngo, Kim  
**Sent:** Mon 8/10/2015 11:26:33 PM  
**Subject:** table of PWS  
List of 8 PWS.xlsx

B7-15 Available Water Storage PWS Impacted by Gold King Release					# of Days of Water Available	System Contact
PWS ID #	System Name	Sources	Physical Storage noted in the call to the system	Population		
NM3509824	Aztec Domestic Water System	Animas R. only; inactive connection to Bloomfield		6800	14 days	Anthony @ 505 334-8684 (505 334-7612)
NM3520224	Farmington Water System	animas only; san juan intake is inactive	6000 ac/ft raw water storage in Farmington Lake/reservoir	47000	60 days	Bob Fredrickson 505 325-8949
NM3510324	Lower Valley WUA	San Juan only	30 million/gal with ave use of 1.5 million gallons/day	9428	20 days	Keith Lee 505 598-5585
NM3510524	Morningstar Water Supply System	animas only	3 million finished / 1.8 million raw	6423	7 days	Fred Whistle 505 325-2435
NM3520024	Northstar WDN/CA	animas only	15 million gallons	4123	50 days	Nate Yarbrough 505 334-9875 cell 505 486-5398
NM3509924	Southside Mutual Domestic	one well + connection to Aztec	300,000 gallons + 66,000 from Aztec	1398	5 days	Amy Rhoades 505 334-1414
NM3510624	Upper La Plata WUA	connection to Lower Valley WUA + inactive connection to Farmington	not confirmed	2265	no response	Charleen Henry (505) 326-1751
NM3510024	Fiora Vista	3 wells + connections to aztec and farmington	300,000 tank	4800	1 day	Rick Mitchell 505 303-1585
				<b>Total pop.</b>	<b>80,932</b>	

Aztec: Anthony 505-334-8684

Andrew Galloway 505-793-0241

10-15 days capacity. This includes supplying to Southside

Restrictions stage 1 implemented today, watering 3 days/week

(Worse case trailer mounted RO package plants – depends on heavy metals, but if only turbidity then no worries)

Farmington: Bob Fredrickson 505-325-8949

60 – 90 days Lake capacity, drawing from Farmington Lake

They are not putting anything into the Lake only taking out

Have emergency pump station on San Juan River

If open up intake, if they supply water into the Lake, the Lake offers a good sedimentation buffer.

Probably will not need pretreatment, not anticipating pretreatment needed.

Lower Valley WUA: Keith Lee 505-598-5585

8 days left of reserves

Can get 2/3 from City of Farmington of 1.8 million GPD

If looking at 2 weeks, may go to rationing

If As and Pb is coming down in the River in 3-4 days, then he will be fine.

If longer, by Wed. 8/12/15

3 tanks – 2 MG total (1 MG, 0.5 MG, 0.5 MG)

Have 2 settling ponds, drawing from them

Hopefully will not need pretreatment, operator does not see this as an ongoing problem

He thinks the River has almost cleared up

Q: he has pump station on San Juan River and a pump station on ditch that pulls from Animas River

If the flow is faster at the San Juan River and contaminants are diluted, then how can he open up the intake if EPA is not sampling there? (Kim is checking if EPA is sampling there)

Below the confluence

Is EPA sampling above and below the confluence

Morningstar Water: Fred Whistle: 505-325-2435 cell: 505-609-3950

Shut down on Thurs 8/6, thought he had 3 weeks.

Now have two weeks reserves left, from today.

If it doesn't clear up in a week, does EPA have package plants

6000 people, 2000 sc

Now drawing from settling ponds

Keeping tanks low to keep low pressure to keep taps at low pressure when turns on

Do not anticipate needing pretreatment. Worried about HM not worried about river settlement

Alternative? None. Farmington line is near but would need pump station, as Farmington's tanks are not as high as this water system

NorthStar: Nate Yarbrow 505-486-5398

Lloyd Alsye Level 3 operator 505-320-0718

16.5 feet of a 20 ft million full reservoir

Have 45 days of production

Alternative: pull water through 12" line thru Bloomfield and Aztec, then 4" line, pump

Daily demand 300,000 gpd

Conventional multimedia SWTP

River is looking a lot better, doesn't have cloudy stirred up colored settling that it has on Saturday

Southside: Amy Rhoades 505-334-1414

Rick Mitchell 505-320-1573

Water storage 200k gallons, sharing restrictions with Aztec where they get most of their water,

Stage 1 restriction implemented

Have well in Aztec but not using it

200k tank supplies 1/3 of system, the rest comes from Aztec

Days depend on Aztec, last he heard Aztec has 20 days, plus 7 days based on Aztec's tanks

90 gpm well – 20-30 feet deep, and 50-60 ft away from River

Check well and tank chlorine levels once a week

Today he took pH 8.5 readings, compared to weekend readings pH 6.0-6.5

Flora Vista:

3 wells in flood plain of River, shut off

Buy from Farmington and Aztec

300k tank, have difficulty maintaining level on the tank, to keep it half full

1 day of storage if cannot get water from Farmington and Aztec

Farmington has quite a supply (Aztec has a connection with Bloomfield)

GW wells and disinfect

250-300 gpm run out of their wells

Wells 20-30 ft deep

Wells are 600 ft away from River, one is 60 ft away from River

Aquamag for manganese removal, is added

Scada system takes constant read of chlorine, plus check out in DS weekly